

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Mayasoshi IWASE, *et al.*
SERIAL NO. : To Be Assigned
FILED : December 9, 2003
FOR : FUEL CELL AND SEPARATOR FOR THE SAME
GROUP ART UNIT : 1745 (Anticipated)
EXAMINER : Julian Mercado (Anticipated)

Mail Stop: Patent Application
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 & § 1.98**

SIR:


In conformance with Applicant duty of disclosure under 37 C.F.R. § 1.56 and § 1.97(b)(1), the references listed on the attached forms PTO-1449 or PTO-892 are hereby brought to the Examiner's attention.

The references were either (1) submitted by Applicants or cited by the Examiner in Parent Application Serial Number 09/665,899 filed September 20, 2000, (thus, no copies of those references have been provided); or (2) cited in a European Search Report issued by the European Patent Office. Copies of the Communication from the European Patent Office enclosing the Search Report are being provided herewith. In accordance with the requirements of 37 C.F.R. § 1.98, copies of the references are also cited in the enclosed European Search Report are also being submitted herewith.

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear in the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

Dated: 12-03-03


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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet

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of

1

Complete if Known

Application Number

To be Assigned

Filing Date

December 4, 2003

First Named Inventor

Mayasoshi IWASE, et al.

Group Art Unit

To be Assigned

Examiner Name

To be Assigned

Attorney Docket Number

10517/210

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ – Number ⁴ - Kind Code ⁵ (if known)				
		JP 07-230815	8/29/95	Kenichiro		X (abstract)
		JP 06-089730	3/29/94	Yoshinori		X (abstract)
		JP 08-138696	5/31/96	Seiji		X (abstract)
		JP 60-133665	12/21/83	Kenichi		X (abstract)
		JP 05-159790	12/5/91	Isamu		X (abstract)
		WIPO 97/33331	9/12/97	Rummel		X (abstract)

**Examiner
Signature**

Date
Considered

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

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Notic of References Cit d

Application/Control No.

09/665,899

Applicant(s)/Patent Under
Reexamination
IWASE ET AL.

Examiner

Julian A. Mercado

Art Unit

1745

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,840,438	11-1998	Johnson et al.	429/30
	B	US-6,365,295 B1	04-2002	Matsukawa et al.	429/34
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	5-251097	09-1993	Japan	Sugiyama	H01M 8/02
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References CitedApplication/Control No.
09/665,899Applicant(s)/Patent Under
Reexamination
IWASE ET AL.Examiner
Julian A. MercadoArt Unit
1745

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-4,910,100	03-1990	Nakanishi et al.	429/32
*	B	US-5,541,015	07-1996	Tajima et al.	429/26
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

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	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No. : 10517/74
 Serial No. : 09/665,899
 Inventors : M. IWASE et al.
 Filed : 20 September 2000
 Group Art Unit : 1745
 Examiner :

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
	5,686,199	11/11/97	CAVALCA et al.	429/30	
	5,998,055	12/07/99	KURITA et al.	429/34	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes No
	03-266 365	11/27/91	Japan		X
	60-243 974	12/03/85	Japan		X
	03-289 057	12/19/91	Japan		X
	58-030 074	02/22/83	Japan		X
	0-281 949	09/14/88	EPO		N/A
	62-076 260	04/08/87	Japan		X
	08-203 546	08/09/96	Japan		X
	05-021 076	01/29/93	Japan		X

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 10517/18	SERIAL NO. Not yet assigned
	APPLICANT(s) Masayoshi IWASE, et al.	
	FILING DATE Herewith	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

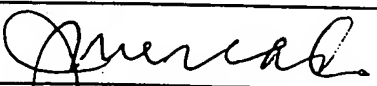
- If pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	ABSTRACT	
						YES	NO
<i>SM</i>	58-166658	Oct. 1, 1983	JP				X
<i>SM</i>	7-263003	Oct. 13, 1995	JP			X	
<i>SM</i>	8-138692	May 31, 1996	JP			X	
<i>SM</i>	2-155171	Jun. 14, 1990	JP			X	
<i>SM</i>	1-63271	Mar. 9, 1989	JP			X	
<i>SM</i>	61-256568	Nov. 14, 1986	JP			X	
<i>SM</i>	56-134473	Oct. 21, 1981	JP			X	

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

EXAMINER 	DATE CONSIDERED 6/15/00
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 10517/74	SERIAL NO. Not Yet Assigned
	APPLICANT - Masayoshi IWASE et al	
	FILING DATE Herewith	GROUP Not Yet Assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/SUBCLASS
	5,686,199	11/11/97	Cavalca et al.	429/30
	5,998,055	12/07/99	Kurita et al.	429/34

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO
	02062796	03-15-90	JAPAN		X	
	59100032	05-17-84	JAPAN		X	
	02090336	04-06-90	JAPAN		X	
	3-289057		JAPAN			X
	56126719	08-14-81	JAPAN		X	
	88103298.1	03-03-88	EUROPE			X
	10-106594		JAPAN			
	07031343	01-26-95	JAPAN		X	
	8-203546		JAPAN			
	03166802	07-08-91	JAPAN		X	
	60217535	09/30/85	JAPAN		X	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with M.P.E.P. 609; strike out citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	